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second year, about thirty per cent show banded stem fasciation with, however, a wide range of variation.

In *Cichorium Intybus* the heredity of fasciations has been studied in two generations of pedigreed plants. From a cross between two fasciated plants and  $F_1$  progeny twelve plants were all fasciated, and of the  $F_2$  generation of eighty-six plants all but eight were fasciated in some degree. The fasciation here is of the grooved stem type, and exhibits a great range of variation.

The concluding number on the program was given by Miss Margaret Slosson, "The Identity of *Trichomanes pyxidiferum* L."

Many specimens and photographs were exhibited in illustrating the characteristics of this species.

Adjournment followed.

B. O. DODGE,  
Secretary

#### DECEMBER 14, 1915

The meeting of December 14, 1915, was held at the American Museum of Natural History at 8:15 P.M. President Harper presided. Thirty persons were present.

The announced scientific program consisted of an illustrated lecture on "A Trip through Cuba," by Dr. Mel T. Cook.

Adjournment followed.

B. O. DODGE,  
Secretary

#### NEWS ITEMS

"During recent years practically all of the chestnut on Long Island, New York, has been killed by the chestnut blight. The hickories and oaks are now threatened by a similar fate but from a very different and preventable cause, viz., the attack of two species of native insects, the habits and seasonal histories of which and methods of control are known. These methods are simple and inexpensive and their efficiency has been demonstrated. A preliminary survey of Long Island has been undertaken by this department to determine the distribution of these insects as serious enemies of the trees and to give free instructions to interested local owners on practical methods of ending the

trouble. Therefore, since answers to the questions on the return card will greatly facilitate this work, we will appreciate the assistance of postmasters in forwarding these cards to parties at the post offices and rural routes, who, they think, will be interested and will answer the questions promptly." This notice has been issued by the Bureau of Entomology at Washington and people interested in the question are invited to communicate with that bureau.

At a meeting of the Club held February 23, at the New York Botanical Garden, the proposed amendments to the by-laws, framed with the idea of creating a class of associate membership open only to teachers in the secondary and high schools, and students in botanic gardens and universities, were voted down.

Professor L. R. Abrams, of Stanford University, has been giving Professor Jepson's course in dendrology at the University of California during the first semester.

Dr. C. A. McLendon, field pathologist of the South Carolina Experiment Station, has accepted a position as expert in cotton breeding with the Georgia State Board of Entomology, Atlanta, Ga.

The twenty-ninth annual announcement of the Woods Hole Marine Biological Laboratory has been issued. The chief course of instruction offered for the coming semester in botany is designed to give "as detailed an understanding of the algae as time will permit." Further information may be had from Dr. G. A. Drew, Woods Hole, Mass.

Volume one, number one of *Genetics*, which, as its title indicates will be of chief interest to animal and plant breeders, has just been issued. It is a bimonthly, issued from the Princeton University Press, and is managed by an editorial board among which the following botanists are noted: B. M. Davis, E. M. East, R. A. Emerson and Raymond Pearl. Professor G. H. Shull, of Princeton University, is the managing editor. A very fine frontispiece is a copy of an old painting of Mendel.